Structural

HEV Genome

Non-structural

Figure 1

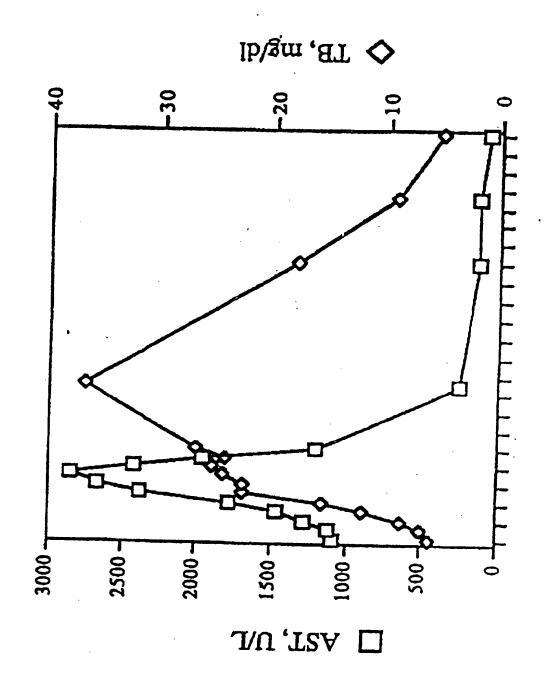


Figure 2

HEV US-1 Genome Extension

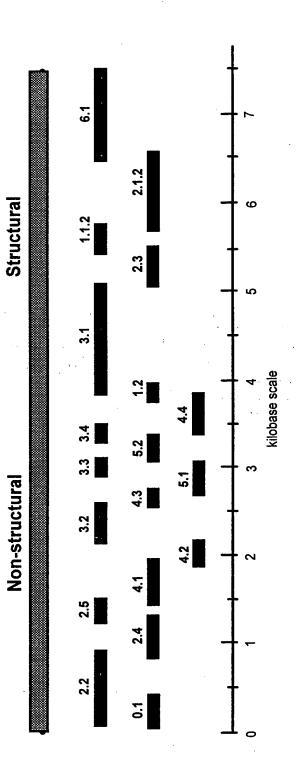


Figure 3

Extension of HEV US-2

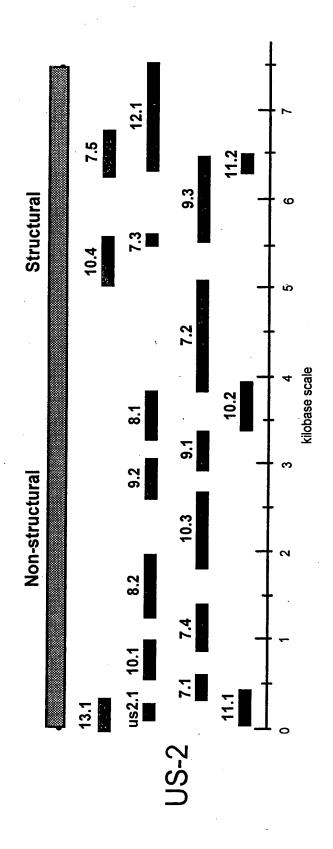


Figure 4

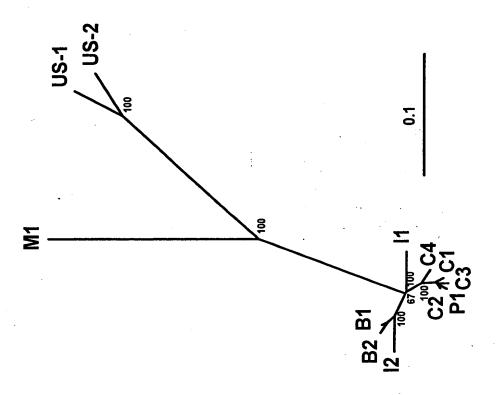
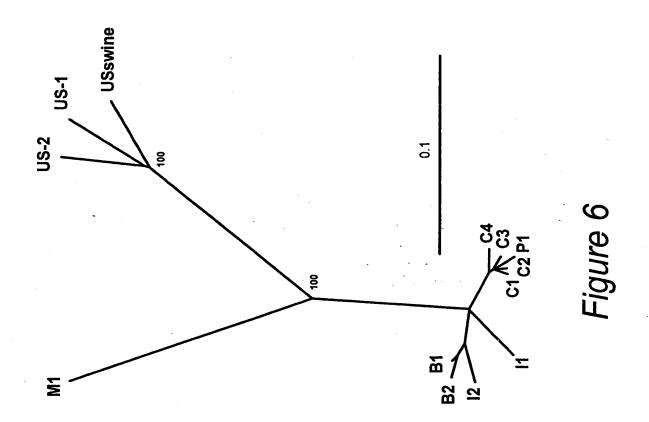
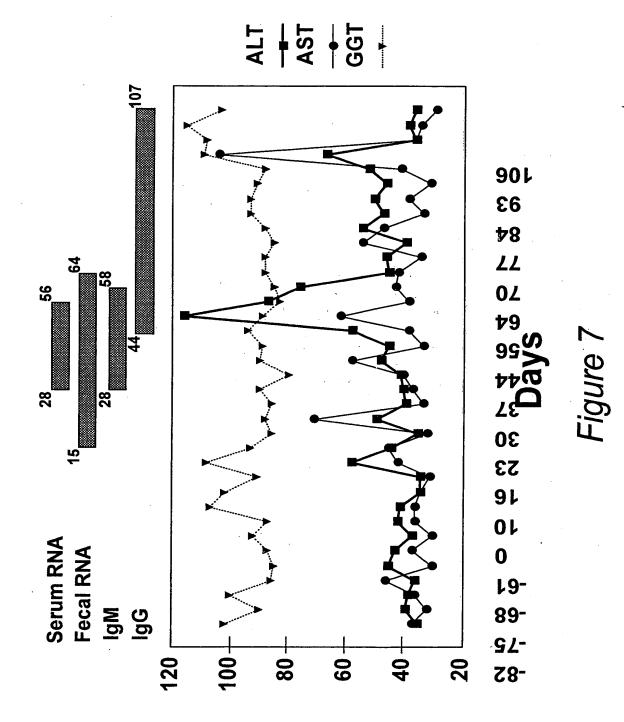


Figure 5





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Extension of Z12

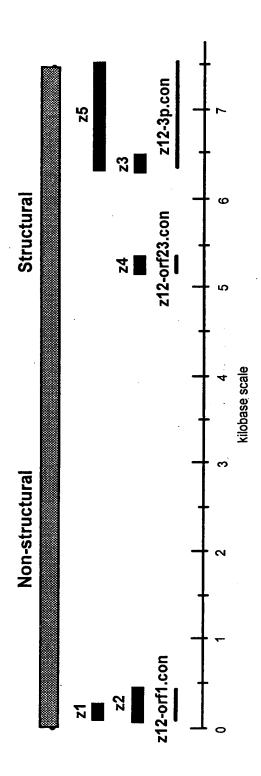


Figure 8

FIGURE 9A

																			*
7	GCAGCGGCCA	GCAGCGGCCA	GCTGCGGCCA	GCAGCGGCCA	GC-GCGGCCA	150	CTCTCACCAG	CTCTCACCAG	CTCTCACCAG	ATCTCGCGTG	TTCCCATCAG	-TC-CG	200	TTGTTTTCCG	TTGTTTTCCG	TTGTTTTCCG	TGGTTTTCCG	TGGTGTTTCG	T-GT-TT-CG
	GGCTGCTCTA	GGCTGCTCTA	GGCTGCTCTG	AGCAGCTCTA	-GC-GCTCT-		GGCCTTTTCT	GGCCTTTTCT	GGCCTTTTCT	GGCCGTTTTT	GGCCTTTCCT	GGCC-TTT		CCTCGCCAGC	CCTCGCCAGC	CCTCGCCAGC	CCCCGGCAGT	CCTCGGCAGC	CC-CG-CAG-
	ATCACTACTG CTATTGAGCA	CTATIGAGCA	CCATTGAGCA	CTATTGAGCA	G-ATITIGAGGA		GTGGTAGTTA	GTGGTAGTTA	GTGGTAGTTA	GTGGTGGTTC	GIGGIGGICC	GIGGT-GT	*;	CCTAATGCAA	CCTAATGCAA	CCTAATGCAA	TTTGATGCAA	TCTCATGCAA	T-ATGCAA
	ATCACTACTG	ATCACTACTG	ATTACTACTG	ATCACTACTG	CDTGGC ATTACTACTG CTATTGAGOA		GGCGAATGCT	TGCGAATGCT	TGCGAATGCT	GGCGAATGCT	TGCGAATGCT	A-TC=GCC+T -GCGAATGCT GTGGT-GT		TCCTCATTAA	TCCTTATTAA	TCCTTATTAA	TTCTTATTAA	TCCTTATAAA	T-CT-AT-AA
17	GGCTCCTGGC	GGCTCCTGGC	~~~~CCIGGC	GGCTCCTGGC		101	ACTCTGCCCT	ATTCTGCCCT	ACTCTGCCCT	ATTCTGCCTT	ACTCCGCCCT	A-TC=GCC+T	151	CAGATTGAGA	CAGATTGAGA	CAGATTGAGA	CAAACCGAGA	CAGGTTGAGA	CAGAGA
	5p.pile{hpesvp}	5p.pile{hpea}	.pile{840455p}	.pile{hpenssp}	Consensus		5p.pile{hpesvp}	5p.pile{hpeuigh}	5p.pile{hpea}	p.pile{840455p}	.pile{hpenssp}	Consensus		5p.pile{hpesvp}	5p.pile{hpeuigh}	5p.pile{hpea}	.pile{840455p}	5p.pile{hpenssp}	Consensus
	5))	5p.1	2b			ις.	2p		. 5p	2p			Ś	5p		5p.	2b	

FIGURE 9E

	201				250
5p.pile{hpesvp}	CCCCGAGGTT	TTCTGGAATC	TTCTGGAATC ATCCCATCCA	GCGTGTCATC	CATAACGAGC
<pre>5p.pile{hpeuigh}</pre>	CCCCGAGGTT	TTCTGGAACC	ACCCCATCCA	GCGTGTCATC	CATAATGAGC
<pre>5p.pile{hpea}</pre>	CCCCGAGGTT	TTCTGGAACC	ATCCCATCCA	GCGTGTTATC	CATAATGAGC
5p.pile{840455p}	CCCTGAGGTA	CTTTGGAATC	ACCCTATCCA	GCGGGTTATA	CATAATGAAT
<pre>5p.pile{hpenssp}</pre>	TCCIGAGGIT	TTTTGGAATC	ACCCGATTCA	ACGIGITATA	CATAATGAGC
Consensus	-CC-GAGGT-	-T-TGGAA-C	A-CC-AT-CA	-CG-GT-AT-	CATAA-GA
	251				300
<pre>5p.pile{hpesvp}</pre>	TGGAGCTTTA	CTGCCGCGCC	CGCTCCGGCC	GCTGTCTTGA	AATIGGCGCC
<pre>5p.pile{hpeuigh}</pre>	TGGAGCTTTA	CIGICGCGCC	CGCTCCGGCC	GCTGCCTTGA	AATTGGTGCC
<pre>5p.pile{hpea}</pre>	TGGAGCTTTA	CIGICECECC	CECTCCEGCC	GCTGCCTCGA	AATTGGTGCC
5p.pile{840455p}	TAGAACAGTA	CIGCCGGGCI	CGGGCTGGTC	GITGCITGGA	GGTTGGAGCT
5p.pile{hpenssp}	TTGAGCAGTA	TIGCCGIGCI	CGCTCGGGTC	GCTGCCTTGA	GATTGGAGCC
Consensus	T-GA-CTA	-TG-CG-GC-	ე-99-ე9ე	G-TGT-GA	TTGG-GC-
	301				350
<pre>5p.pile{hpesvp}</pre>	CATCCCCGCT	CAATAAATGA	TAATCCTAAT	GIGGICCACC	GCTGCTTCCT
<pre>5p.pile{hpeuigh}</pre>	CACCCTCGCT	CAATAAACGA	CAATCCTAAT	GTGGTCCACC	GCTGCTTCCT
<pre>5p.pile{hpea}</pre>	CACCCCCGCT	CAATAAATGA	CAATCCTAAT	GIGGICCACC	GTIGCTICCT
5p.pile{840455p}	CACCCAAGAT	CCATTAATGA	CAACCCCAAC	GTTCTGCATC	GGTGTTTCCT
5p.pile{hpenssp}	CACCCACGCT	CCATTAATGA	TAATCCTAAT	GICCICCAIC	GCTGCTTTCT
Consensus	CA-CCG-T	C-AT-AA-GA	-AA-CC-AA-	GTT-CA-C	G-TG-TT-CT

FIGURE 9

CCGCCCTGTT GGGCGTGATG TTCAGCGCTG GTATACTGCT CCGCCCTGCC GGGCGTGATG TTCAGCGTTG GTATACTGCC TAGACCGGTT GGCCGAGATG TTCAGCGTTG GTATACTGCC CCACCCCGTC GGCCGCAGATG TTCAGCGCTTG GTATACTGCC CCACCCCGTC GGCCGCGATG TTCAGCGCTG GTACACAGCC CCACCCGGTT GGCCGCATG TTCAGCGCTG GTACACAGCC CCACCCGGTT GGCCGCATG TTCAGCGCTG GTACACAGCC 401 GGCCGGCTGC TAATTGCCGG GGTTCCGCGC TGCGCGGCT GGCCGGCTGC TAATTGCCGG GGTTCCGCGC TGCGCGGCT GGCCGGCTGC TAATTGCCGG GGTTCCGCGC TGCGCGGCT GGCCGGCTGC TAATTGCCGG GGTTCCGCGC TGCGCGGCT GGCCGGCTGC TAATTGCCGG CGTTCCGCGC TGCGCGGCT GGCCGGCTGC TAATTGCCGG CGTTCCGCGC TGCGCGGCT GGCCGGCTGC TAATTGCCGG CGTTCCGCGC TGCGCGCT GGCCGGCTGC TAATTGCCGG CGTTCCGCGCCT GGCCGGCTGC TAATTGCCGG CGTTCTCGCGCGCT GGCCGCCTT ACTGCTTCGA CGGGTTTTCT GGCTGTAACT GACCGCACTT ACTGCTTCGA CGGGTTTTCT GGCTGTAACT GACCGCACTT ACTGCTTTGA TGGATTTCT GGCTGTAACT GACCGCACTT ACTGCTTTGA TGGATTTTCT GGCTGTAACT GACCGCACTT ACTGCTTTGA TGGATTTTCT GCTTGTAACT GACCGCACTT ACTGCTTTGA TGGATTTTCT GGCTGTAACT GACCGCACTT ACTGCTTTTGA TGGATTTTCT GGCTGTAACT GACCGCACTT ACTGCTTTTGA TGGATTTTCT GGCTGTTAACT GACCGCACTT ACTGCTTTTGA TGGATTTTCT GGCTGTTAACT GACCGCACTT ACTGCTTTTGA TGGCTTTTCT GGCTGTTAACT GACCGCACTT ACTGCTTTTGA TGGCTTTTCT GGCTGTTAACT GACCGCACTT ACTGCTTTTTTTTTCT GGCTGTTAACT GACCGCACTT ACTGCTTTTTTTTTTTTTTTTTTTTTTTT	נין נין נין זין זין זין		
CCGCCCTGCC GGGCGTGATG TTCAGCGCTG CCGCCCTGCC GGGCGTGATG TTCAGCGGTTG CCGCCCTGCC GGGCGTGATG TTCAGCGGTTG TAGACCGGTT GGCCGGATG TTCAGCGCTG CCACCCGGTT GGCCGGATG TTCAGCGCTG CCACCCGGTT GGCCGGATG TTCAGCGCTG GCCGGCTGC TAATTGCCGG GGTTCCGCGC GGCCGGCTGC TAATTGCCGG GGTTCCGCGC GGCCGGCTGC TAATTGCCGG GGTTCCGCGC GGCCGGCTGC TAATTGCCGG CGTTCCGCGC GGCCGCTGC TAATTGCCGG CGTTCCGCGC GGCCGCTGC TAATTGCCGG CGTTCCGCGC GGCCGCTGC TAATTGCCGG CGTTCCGCGC GCCGCCTGC GAACTGTCGC CGCTCGGCAC GACCGCACTT ACTGCTTCGA CGGGTTTTCT GACCGCACTT ACTGCTTCGA CGGGTTTTCT GACCGCACTT ACTGCTTTGA TGGATTTTCT GACCGCACTT ACTGCTTTGA TGGATTTTCT GACCGCACTT ACTGCTTTTGA TGGATTTTCC GACCGCACTT ACTGCTTTTGA TGGCTTTTGC	CCTACCGCC CCTACCCGCC CCCACCCGCC CCGACTAGGC	45(TCCCGCTGCT CCCCGCTGCT CCCCCCCGCT GCCACCAGCC	500 TTCCCGCCGA TTCCCGCCGA TTGCTGCAGA TTGCTGCAGA
CCGCCCTGCC CCGCCCTGCC TAGACCGGTT CCACCCGGTT CCACCCGGTC GGCCGGCTGC GGCCGGCTGC GGCCGGCTGC GGCCGCCTGCGC GGCCGCCTGC GGCCGCCTGC GGCCGCTGC GGCCGCCTGC GGCCGCCTGC GGCCGCCTGC GGCCGCCTGC GGCCGCCTGC GGCCGCCTT GACCGCCACTT GACCGCACTT GACCGCACTT GACCGCACTT GACCGCACTT GACCGCACTT	GTATACTGCT GTATACTGCC GTACTCTGCC GTACTCTGCC	TGCGCGGGCT TGCGCGGGCT TGCGCGGGCT TGCGTGGTCT TTCGTGGTCT	GGCTGTAACT GGCTGTAACT GGCTGTAACT CGTTGTGCTT GGCTGCCGTT
CCGCCCTGCC CCGCCCTGCC TAGACCGGTT CCACCCCGTCCC-G GGCCGGCTGC GGCCGGCTGC GGCCGCTGC GGCCGCTGC GGCCGCTGC GGCCGCCTGC GGCCGCTGC GGCCGCTGC GGCCGCTGC GGCCGCTGC GGCCGCTT GGCCGCCTT GACCGCACTT GACCGCACTT GACCGCACTT GACCGCACTT	TTCAGCGTTG TTCAGCGTTG TTCAGCGCTG TTCAGCGCTG TTCAGCGCTG	CGTTCCGCGC GGTTCCGCAC CGTTCCGCGC CGCTCCGCGT CGCTCGGCAC	CGGGTTTTCT CGGGTTTTCT CGGGTTTTCT TGGATTCTCC TGGATTCTCC
	GGGCGTGATG GGGCGTGATG GGCCGAGATG GGCCGGGATG GGCCGGGATG	TAATTGCCGG TAATTGCCGG TAATTGCCGG GAACTGTCGC	ACTGCCTCGA ACTGCTTCGA ACTGCTTCGA ACTGCTTTGA ACTGTTTTGA
<pre>5p.pile (hpeuigh) 5p.pile (hpeuigh) 5p.pile (hpenssp) 5p.pile (hpeuigh) 5p.pile (hpeuigh) 5p.pile (hpeuigh) 5p.pile (hpenssp) 5p.pile (hpenssp) 5p.pile (hpenssp) 5p.pile (hpenssp) 5p.pile (hpeuigh) 5p.pile (hpeuigh) 5p.pile (hpeuigh) 5p.pile (hpeuigh) 5p.pile (hpeuigh) 5p.pile (hpeussp) 5p.pile (hpeussp) 5p.pile (hpenssp) 5p.pile (hpenssp) 5p.pile (hpenssp) 5p.pile (hpenssp) 5p.pile (hpenssp)</pre>	CCGCCCTGCC CCGTCCTGCC TAGACCGGTT CCACCCGTC	401 GGCCGGCTGC GGCCGGCTGC GGCCGCTGC GCCCTGCGGC	451 GACCGCACTT GACCGCACTT GACCGCACTT GACCGCACTT
2 4 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	oile{hpesvp} ile{hpeuigh} o.pile{hpea} ile{840455p} ile{hpenssp} Consensus	<pre>cile {hpesvp} ile {hpeuigh} c.pile {hpea} ile {840455p} ile {hpenssp} ile {hpensus</pre>	<pre>pile {hpesvp} ile {hpeuigh} p.pile {hpea} ile {840455p} ile {hpenssp} consensus</pre>
	50.00 50.00 50.00 50.00 50.00	59.15 59.45 59.65	5p. 7. 72. 5p. 7. 72. 5p. 7. 72. 72. 72. 72. 73. 73. 74. 75. 75. 75. 75. 75. 75. 75. 75. 75. 75

FIGURE 9

																•				
1500	TTCTGTGTCG	TCCTGTGTCG	TCTTGTGTCG	TTATGCACCG	TCATACAGCG	TT	1550	CGCGACCATG	GGCGACCATG	CGCGACCATG	CGCCACCATG	CACCATG	ACCATG	1500	CTATGCTGCC	CTATCGTGCC	CTATGCTGCC	CTATGTTGCC:	CTATGCTGCC	CTATTGCC
	ACAAATTCAA	ACAAATTCAA	ACAAATTCAA	ACACACTCAA	ACAAATTCCA	ACA-A-TC-A		CCCATGGGTT	CCCATGGGTT	CCCATGGGTT	CCCATGGGTT	COCATGGGAT	CCCATGGG-T		ATGTTTCTGC	ATGTTTCTGC	ATGTTTTGC	TTGTTTCTGC	ATGTTTCTGC	-TGTTT-TGC
	TGAAGCCAGT GCTTGACCTG	GCTCGACTTG	GCTCGACTTG	ACTIGACCTI	ACTTGATCTC	-CT-GAT-		TTTTGCTGCG	TTTTGCTGCG	TTTTGCTGCG	GTTTGCTGCG	ATAAGAMGMC NITTIGGANGG	-TTTGCCG CCCATGGG-T		GTTGCTCCTC	GTTGCTCCTC	GCIGCICCIC	GTTGTTCCTC	GTTGTTCCTC	G-TG-TCCTC
	TGAAGCCAGT	TGAAGCCAGT	TAAAACCAGT	TTAAGCCTAT	TTAAACCTGT	T-AA-CCT		ATAACATGTC	ATAACATGTC	ATAACATGTC	ATAACATGTG	ATAACATGTC	GGAATICA ATAACATIGII-		CTATTTTGCT	CTATTTGCT	CTATTTTGTT	CTCTTTTGCT	CTGTTCTGTT	CT-TT-TG-T
1451	ACTGAGTCAG	ACTGAGTCGG	ACTGAGTCAG	ACAGAGICIG	ACAGAGACTA	AC-GAG-C	1501	GGTGGAATGA	GGTGGAATGA	GGTGGAATGA	GTCTGAATGA	GGTGGAATGA	G——GAADOA	1551	CGCCCTCGGC	CGCCCICGGC	CECCCICEEC	CGCCCTAGGC	CGCCCTAGGG	CGCCCT-GG-
	3p.pile{hpea}	3p.pile{hpeuigh}	3p.pile{hpesvp}	3p.pile{hpenssp}	3p.pile{840453p}	Consensus		3p.pile{hpea}	3p.pile{hpeuigh}	3p.pile{hpesvp}	3p.pile{hpenssp}	3p.pile{840453p}	Consensus		3p.pile{hpea}	3p.pile{hpeuigh}	3p.pile{hpesvp}	3p.pile{hpenssp}	3p.pile{840453p}	Consensus

FIGURE 9E

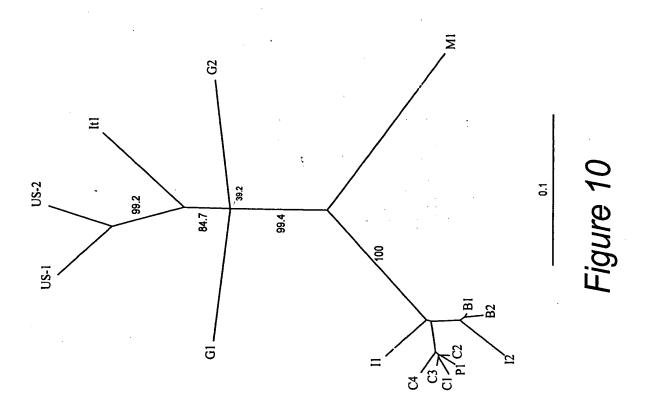
		110 100 100
1650 CGGCGCAGCG CGGCGCAGCG CGGCGCAGCG CGGCGCAGCG	1700 GGGTTGATTC TCAGCCCTTC GGGTTGATTC TCAGCCCTTC GGGTTGATTC TCAGCCCTTC GGGTTGATTC TCAGCCCTTC GGGTTGATTC TCAGCCCTTC GGGTTGATTC TCAGCCCTTC	1750 ATGTCACCGC ATGTCACCGC ATGTCACCGC ACGTTGCCGC
CCGTCGTGGG CCGTCGTGGG CCGTCGTGGG TCGCCGTGGG	GGGTTGATTC GGGTTGATTC GGGTTGATTC GGGTTGATTC GGGTTGATTC	GCAATCCCCT ATATTCATCC AACCAACCCC TTGGCCCCCGGCAATCCCCT ATATTCATCC AACCAACCCC TTGGCCCCCGGCAATCCCT ATATTCATCC AACCAACCCC TTGCCCCCGGCAATCCCT ATATTCATCC AACCAACCCC TTGCCCCAGGCCCTCCCCCCT ATATTCATCC AACCAACCCC TTGCCCCCGGCCGGCCCTCCCCCT ATATTCATCC AACCAACCCC TTGCCCCCCGGGCCCCCTCCCCT
CCCGGTCAGC CGTCTGGCCG CCCGGTCAGC CGTCTGGCCG ACCGGTCAGC CGTCTGGCCG GCCGGTCAGC CGTCTGGCCG	TGGGGTGACC TGGGGTGACC TGGGGTGACC TGGGGTGACA	AACCAACCCC AACCAACCCC AACCAACCCC AACCAACCCC
	CGGTGGTTTC CGGTGGTTTC CGGTGGTTTC CGGTGGTTTC	ATATTCATCC ATATTCATCC ATATTCATCC ATATTCATCC ATATTCATCC
1601 CGCGCCACCG CGCGCCACCG CGCGCCACCG CGCGCCACCG	1651 GCGGTTCCGG GCGGTTCCGG GCGGTACCGG GCGGTGCCGG	1701 GCAATCCCCT GCAATCCCCT GCAATCCCCT GCAATCCCCT
3p.pile{hpea} 3p.pile{hpeuigh} 3p.pile{hpesvp} 3p.pile{hpenssp} 3p.pile{840453p} Consensus	3p.pile{hpea} 3p.pile{hpeuigh} 3p.pile{hpesvp} 3p.pile{hpenssp} 3p.pile{840453p} Consensus	3p.pile{hpeuigh} 3p.pile{hpeuigh} 3p.pile{hpenssp} 3p.pile{hpenssp} 3p.pile{840453p}

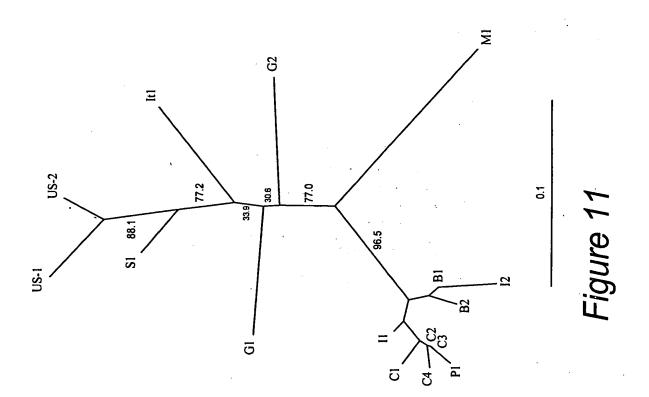
FIGURE 9

3p.pile(hpea) AGCGCTTACC CTGTTTAACC TTGCTGACAC CCTGCTTGGC GGTCTACCGA 3p.pile(hpeuigh) AGCGCTTACC CTGTTCAACC TTGCTGACAC CTGCTTGGC GGCTCACCGA 3p.pile(hpenssp) AGCCCTCACC CTGTTCAACC TTGCTGACAC CTGCTTGGC GGCTGCCGA 3p.pile(hpeas) TGCCCCGACT CTGTTTAATC TTGCTGATAC GCTCCTGGC GGCTCCCGA 3p.pile(hpeas) TGCCCCGACT CTGTTTAATC TTGCTGA-AC -CT-CT-GG- GG-T-CCGAC 3p.pile(hpeas) AGCTCTAACA TTCGTCGGCT GGTGGCCAGC TGTTCTACT TCGCCGGT GGTGGCCAGC TGTTTTATT TCGTCGGCT GGTGGCCAGC TGTTTTATT TCGTCGGCT GGTGGCCAGC TGTTTTATT CCGCCGGTT AGAATTGAT TTCGTCGGCT GGTGGCCAGC TGTTTTATT CCGCCCGTT AGAATTGAT TTCGTCGGCT GGTGGCCAGC TGTTTTATT CCGCCCGTT AGAATTGAT TTCGTCGGCT GGTGGCCAAC TGTTTTAATT CCGCCCGTT AGAATTGAT TTCGTCGGCC GGCGCAAC TGTTTTAATT CCGCCCGTT AGAATTGAT TTCGTCGGCC GGCGCAAC TGTTTTAATT CCGCCGGTT AGACACTTAAGA TTGCTCAGCA ATGGCGACC GACTGTTAAG TTGTAAACT CTGTAGGAAA ATGGCGAGCC GACTGTTAAG TTGTAAACAT CTGTAGGAAA ATGGCGAGCC AACCGTTAAG TTGTAAACAT CTGTAGGAAA ATGGCGAGCC AACCGTTAAG TTATAACAT CTGTAGAAA ATGGCGAGCC AACCGTTAAG TTATAACAT CTGTAGAAA CONSENSUS GTGTTAAGAT CTGTAGAAA CONSENSUS GTGTTAAAC TTGTAAAAA TTATAACAT CTGTAGAAA CONSENSUS GTGTTAAAG TTATAACAT CTGTAGAAA CONSENSUS GTGTTAAAA TTATAACAT CTGTAGAAA CONSENSUS GTGTTAAAA TCGTCAAAA ATGGCGAGCC AACCGTTAAAG TTATAACAT CTGTAGAAA CONSENSUS GTGTTAAAA TCGTCAAAA ATGGCGAGCC AACGCTTAAAA TTATAACAT CTGTAGAAA CONSENSUS GTGTTAAAA TCGTCAAAA ATGGCCAAA ATGGCCAACTAAAA ATAATAAA CAGTAAAA CONSENSUS GTGTTAAAA TTATAACAT CTGTAAAAA CONSENSUS GTGTTAAAA CAGTAAAA CAGTAAAAA CAGTAAA
AGCGCTTACC CTGTTTAACC TTGCTGACAC AGCGCTTACC CTGTTTAACC TTGCTGACAC AGCCCTCACC CTGTTTAACC TTGCTGACAC AGCCCTCACA TTACTTAACC TTGCTGACAC TGCCCTGACA TTACTTAATC TTGCTGACAC CAGAATTGAT TTCGTCGGCT GGTGGCCAGC CAGAATTGAT TTCGTCGGCT GGTGGCCAGC CAGAATTGAT TTCGTCGGCT GGTGGCCAGC CAGAATTGAT TTCGTCGGCT GGTGGCCAGC CAGAATTGAT TTCGTCGGCT GGTGGCCAAC CAGAATTGAT TTGGTCGGCT GGTGCCAAC CAGAATTGAT TTGGTCGGCC GACTGTTAAG GTCTCAGCCA ATGGCGAGCC AACCGTGAAG GTCTCAGCCA ATGGCGAGCC AACCGTGAAG GTCTCGGCCA ATGGCGAGCC AACCGTGAAG GTCTCAGCCA ATGGCGAGCC AACCGTGAAG GTCTCGGCAAATGGCGAGCC AACCGTGAAG GTCTCGGCAAATGGCGAGCC AACCGTGAAG GTCTCAGCCA ATGGCGAGCC AACCGTGAAG CTCTCAGCCA ATGGCGAGCC AACCGTGAAG CTCTCAGCAAATTAACACAGTAAAG CTCTCAGCAAATTAACACAGTAAACACTAACACTAAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACTAACACACTAACACACTAACACACTAACACACTAACACACTAACACACTAACACACTAACACACACACACACACACACACACACACACACACACACA
2651 AGCGCTTACC AGCGCTTACC AGCCCTCACC AGCCCTCACA BGCTCTAACA CAGAATTGAT CAGCAATTGAT CAGCATTCAGCCA GTCTCAGCCA GTCTCAGCCA GTCTCAGCCA CTCTCAGCCA CTCTCAGCCA CTCTCAGCCA CTCTCAGCCA CTCTCAGCCCA CTCTCCAGCCCA CTCTCCAGCCA CTCTCCAGCCCA CTCTCCAGCCCA CTCTCCAGCCCA CTCTCCAGCCCA CTCTCCAGCCA CTCTCCAGCCCA CTCTCCAGCCCA CTCTCCAGCCCA CTCTCCAGCCCA CTCTCCAGCCA CTCTCCAGCCCA CTCTCCAGCCCA CTCTCCAGCCCA CTCTCCAGCCA CTCTCCAGCCCA CTCTCTCCAGCCA CTCTCTCTCAGCCCA CTCTCTCAGCCCA CTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTC
2651 AGCGCTTACC AGCGCTTACC AGCCCTCACC AGCCCTCACA BGCTCTAACA CAGAATTGAT CAGCAATTGAT CAGCATTCAGCCA GTCTCAGCCA GTCTCAGCCA GTCTCAGCCA CTCTCAGCCA CTCTCAGCCA CTCTCAGCCA CTCTCAGCCA CTCTCAGCCCA CTCTCCAGCCCA CTCTCCAGCCA CTCTCCAGCCCA CTCTCCAGCCCA CTCTCCAGCCCA CTCTCCAGCCCA CTCTCCAGCCA CTCTCCAGCCCA CTCTCCAGCCCA CTCTCCAGCCCA CTCTCCAGCCCA CTCTCCAGCCA CTCTCCAGCCCA CTCTCCAGCCCA CTCTCCAGCCCA CTCTCCAGCCA CTCTCCAGCCCA CTCTCTCCAGCCA CTCTCTCTCAGCCCA CTCTCTCAGCCCA CTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTC
3p.pile {hpea} 3p.pile {hpeuigh} 3p.pile {hpenssp} 3p.pile {hpenssp} 3p.pile {hpeuigh} 3p.pile {hpeuigh} 3p.pile {hpeuigh} 3p.pile {hpeuigh} 3p.pile {hpeuigh} 3p.pile {hpeassp}

FIGURE 9G

	2801				2850
3p.pile{hpea}	TGCTCAGCAG	GATAAGGGTA	TTGCAATCCC	TGCTCAGCAG GATAAGGGTA TTGCAATCCC GCATGACATC GACCTCGGGG	GACCTCGGGG
3p.pile{hpeuigh}	TGCTCAGCAG	TGCTCAGCAG GATAAGGGTA	TTGCAATCCC	TIGCAAICCC GCAIGACAIC	GACCTCGGGG
3p.pile{hpesvp}	TGCTCAGCAG	TGCTCAGCAG GATAAGGGTA	TTGCAATCCC	TIGCAAICCC GCAIGACAIT GACCICGGAG	GACCTCGGAG
3p.pile{hpenssp}	TGCTCAGCAG	TGCTCAGCAG GATAAGGGTG	TTGCTATCCC	TIGCIAICCC CCACGAIAIC	GATCTTGGTG
3p.pile{840453p}	TGCGCAGCAA	TGCgCAgCAA gACAAGGGca	TcacCaTTCC	TCacCaTTCC ACACGACATA GATTTAGGTG	gATTTAGGTG
Consensus	TGC-CAGCA-	TGC-CAGCA- GA-AAGGG	TC-AT-CC	TC-AT-CC -CA-GA-AT-	GAT-GG-G
	2851				2900
3p.pile{hpea}	AATCCCGTGT	AGTTATTCAG	GATTATGACA	AATCCCGTGT AGTTATTCAG GATTATGACA ACCAACATGA GCAGGACCGA	GCAGGACCGA
3p.pile{hpeuigh}	AATCTCGAGT	TGTTATTCAG	GATTATGACA	TGTTATTCAG GATTATGACA ACCAACATGA	GCAGGACCGG
3p.pile{hpesvp}	AATCTCGTGT	GGTTATTCAG	GATTATGATA	GGTTATTCAG GATTATGATA ACCAACATGA ACAAGATCGG	ACAAGATCGG
3p.pile{hpenssp}	ATTCGCGTGT	GGTCATTCAG	GATTATGACA	GGTCATTCAG GATTATGACA ACCAGCATGA GCAGGATCGG	GCAGGATCGG
3p.pile{840453p}	ACTCCCGTGT	GGTTAtCCAG	gattAmgaTa	ACTCCCGTGT GGTTAtCCAG gattrAngana ACCGCGTGT GGAGARAGATCGA	acaAgaTcgA
Consensus	A-TC-CG-GT	-GT-AT-CAG	САППАПСА-А	A-TC-CG-GT -GT-AT-CAG CAUDAUGA-A ACCA-CA-CA -CA-GA-CG-	FCA-GA-CG-





MACAQUE 13906 HEV US-2 ORF 3 CKS - 29

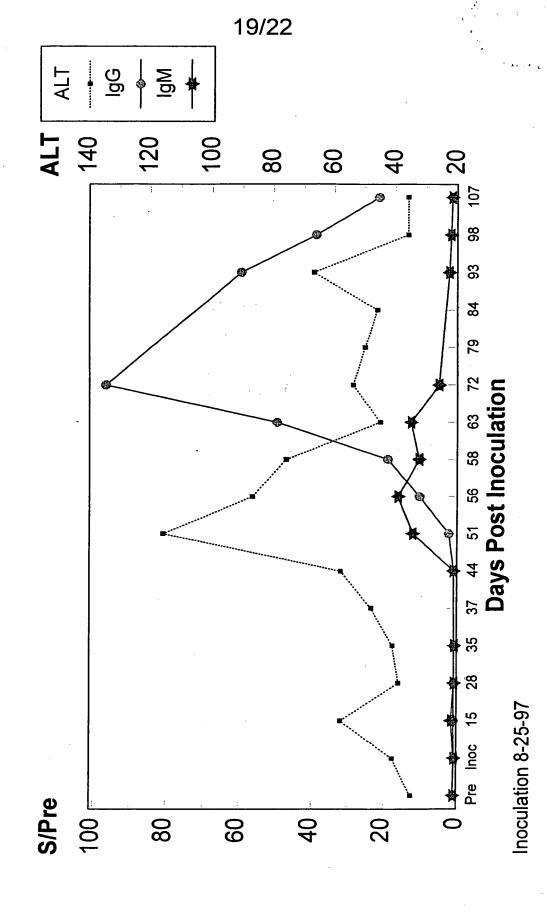


Figure 13

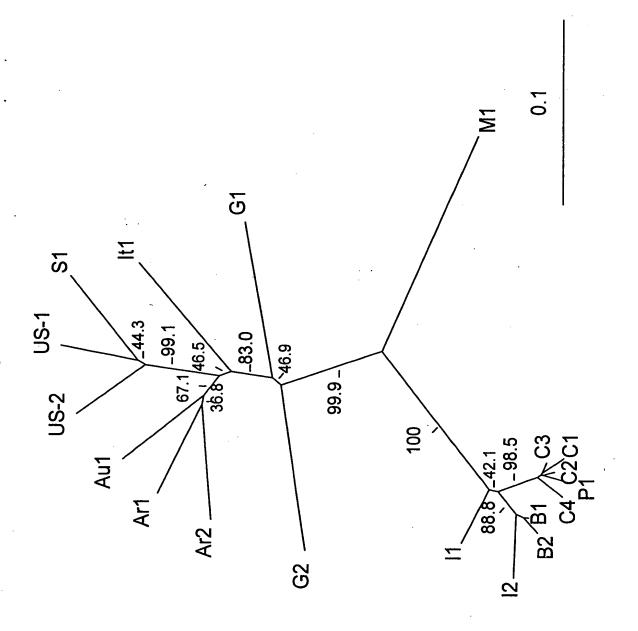


Figure 14

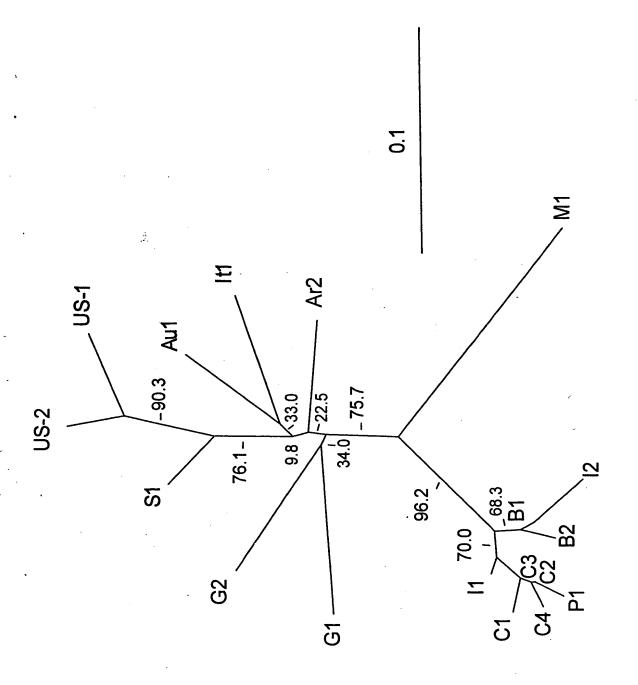


Figure 15

